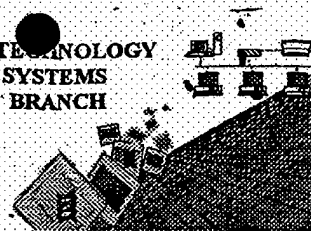


BIOTECHNOLOGY
SYSTEMS
BRANCH



0590
0706

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/054,399
Source: OIPB
Date Processed by STIC: 9-16-02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

Does Not Comply
Corrected Diskette Needed



OIPE

RAW SEQUENCE LISTING DATE: 09/16/2002
PATENT APPLICATION: US/10/054,399 TIME: 10:54:29

Input Set : A:\pto_ms.txt
Output Set: N:\CRF4\09162002\J054399.raw

```

2 <110> APPLICANT: Arkowitz, Robert A
3      Nern, Peter MA
5 <120> TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND PROTEIN SEQUENCES
7 <130> FILE REFERENCE: DY0U13.1A2CP1
9 <140> CURRENT APPLICATION NUMBER: 10/054399
C--> 10 <141> CURRENT FILING DATE: 2002-08-30
12 <150> PRIOR APPLICATION NUMBER: 09/168,474
13 <151> PRIOR FILING DATE: 1998-10-08
15 <150> PRIOR APPLICATION NUMBER: 08/951,141
16 <151> PRIOR FILING DATE: 1997-10-15
18 <150> PRIOR APPLICATION NUMBER: 09/529,106
19 <151> PRIOR FILING DATE: 2000-04-07
21 <150> PRIOR APPLICATION NUMBER: US 09/732,180
22 <151> PRIOR FILING DATE: 2000-12-07
24 <150> PRIOR APPLICATION NUMBER: US 60/169,699
25 <151> PRIOR FILING DATE: 1999-12-07
27 <150> PRIOR APPLICATION NUMBER: PCT/GB98/03033
28 <151> PRIOR FILING DATE: 1998-10-08
30 <150> PRIOR APPLICATION NUMBER: 9812793.9
31 <151> PRIOR FILING DATE: 1998-06-12
33 <150> PRIOR APPLICATION NUMBER: 9721357.3
34 <151> PRIOR FILING DATE: 1997-10-08
36 <150> PRIOR APPLICATION NUMBER: 9721358.1
37 <151> PRIOR FILING DATE: 1997-10-08
39 <160> NUMBER OF SEQ ID NOS: 37
41 <170> SOFTWARE: PatentIn Ver. 2.0
43 <210> SEQ ID NO: 1
44 <211> LENGTH: 228
45 <212> TYPE: DNA
46 <213> ORGANISM: Saccharomyces cerevisiae
48 <220> FEATURE:
49 <223> OTHER INFORMATION:
51 <400> SEQUENCE: 1
52 cccctctgtga tacttttcaa ctctgtgaag cgcgaattta aattaccggt aatagcatct 60
53 gacgatttga aagtcctgtaa aaaatccatt tatgacttta tattgggctg caagaaacac 120
54 ttgcatctta acgatgagga gcttttcaact atatccgacg tttttgccaa ctgacgtcc 180
55 cagctggtca aagtgcctaga agtagtagaa acgctaata attccagc 228
57 <210> SEQ ID NO: 2
58 <211> LENGTH: 76
59 <212> TYPE: PRT
60 <213> ORGANISM: Saccharomyces cerevisiae
62 <220> FEATURE:
63 <223> OTHER INFORMATION:

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/054,399

DATE: 09/16/2002
TIME: 10:54:29

Input Set : A:\pto_ms.txt
Output Set: N:\CRF4\09162002\J054399.raw

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

65 <400> SEQUENCE: 2
66 Pro Leu Cys Ile Leu Phe Asn Ser Val Lys Pro Gln Phe Lys Leu Pro
67 1 5 10 15
69 Val Ile Ala Ser Asp Asp Leu Lys Val Cys Lys Lys Ser Ile Tyr Asp
70 20 25 30
72 Phe Ile Leu Gly Cys Lys Lys His Phe Ala Phe Asn Asp Glu Glu Leu
73 35 40 45
75 Phe Thr Ile Ser Asp Val Phe Ala Asn Ser Thr Ser Gln Leu Val Lys
76 50 55 60
78 Val Leu Glu Val Val Glu Thr Leu Met Asn Ser Ser
79 65 70 75
82 <210> SEQ ID NO: 3
83 <211> LENGTH: 228
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleic acid
90 <400> SEQUENCE: 3
91 cccctctgta tacttttcaa ctctgtgaag cgcgaattta aattaccggt aatagcattt 60
92 gacgatttga aagtctgtaa aaaatccatt tatgacttta tattgggctg caagaaacac 120
93 ttgtcattta acgatgagga gcttttcaact atatccgacg tttttgccaa ctgacgtcc 180
94 cagctggtca aagtctaga agtagtagaa acgctaata attccagc 228
96 <210> SEQ ID NO: 4
97 <211> LENGTH: 76
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Description of Artificial Sequence: amino acid
104 <400> SEQUENCE: 4
105 Pro Leu Cys Ile Leu Phe Asn Ser Val Lys Pro Gln Phe Lys Leu Pro
106 1 5 10 15
108 Val Ile Ala Phe Asp Asp Leu Lys Val Cys Lys Lys Ser Ile Tyr Asp
109 20 25 30
111 Phe Ile Leu Gly Cys Lys Lys His Phe Ala Phe Asn Asp Glu Glu Leu
112 35 40 45
114 Phe Thr Ile Ser Asp Val Phe Ala Asn Ser Thr Ser Gln Leu Val Lys
115 50 55 60
117 Val Leu Glu Val Val Glu Thr Leu Met Asn Ser Ser
118 65 70 75
121 <210> SEQ ID NO: 5
122 <211> LENGTH: 228
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleic acid
129 <400> SEQUENCE: 5
130 cccctctgta tacttttcaa ctctgtgaag cgcgaattta aattaccggt aatagcatct 60
131 ggcgatttga aagtctgtaa aaaatccatt tatgacttta tattgggctg caagaaacac 120
132 ttgtcattta acgatgagga gcttttcaact atatccgacg tttttgccaa ctgacgtcc 180

need to explain the
source of the genetic
material

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/054,399

DATE: 09/16/2002
TIME: 10:54:29

Input Set : A:\pto_ms.txt
Output Set: N:\CRF4\09162002\J054399.raw

133 cagctggtca aagtgtctaga agtagtagaa acgctaata attccagc 228
135 <210> SEQ ID NO: 6
136 <211> LENGTH: 76
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Description of Artificial Sequence: amino acid
143 <400> SEQUENCE: 6
144 Pro Leu Cys Ile Leu Phe Asn Ser Val Lys Pro Gln Phe Lys Leu Pro
145 1 5 10 15
147 Val Ile Ala Ser Gly Asp Leu Lys Val Cys Lys Lys Ser Ile Tyr Asp
148 20 25 30
150 Phe Ile Leu Gly Cys Lys Lys His Phe Ala Phe Asn Asp Glu Glu Leu
151 35 40 45
153 Phe Thr Ile Ser Asp Val Phe Ala Asn Ser Thr Ser Gln Leu Val Lys
154 50 55 60
156 Val Leu Glu Val Val Glu Thr Leu Met Asn Ser Ser
157 65 70 75
160 <210> SEQ ID NO: 7
161 <211> LENGTH: 228
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleic acid
168 <400> SEQUENCE: 7
169 cccctctgta tacttttcaa ctctgtgaag ccgcaattta aattaccggt aatagcacct 60
170 gacgatttga aagtctgtaa aaaatccatt tatgacttta tattgggctg caagaaacac 120
171 ttgtcattta acgatgagga gcttttcaat atatccgacg tttttgcaa ctcgacgtcc 180
172 cagctggtca aagtgtctaga agtagtagaa acgctaata attccagc 228
174 <210> SEQ ID NO: 8
175 <211> LENGTH: 76
176 <212> TYPE: PRT
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Description of Artificial Sequence: amino acid
182 <400> SEQUENCE: 8
183 Pro Leu Cys Ile Leu Phe Asn Ser Val Lys Pro Gln Phe Lys Leu Pro
184 1 5 10 15
186 Val Ile Ala Pro Asp Asp Leu Lys Val Cys Lys Lys Ser Ile Tyr Asp
187 20 25 30
189 Phe Ile Leu Gly Cys Lys Lys His Phe Ala Phe Asn Asp Glu Glu Leu
190 35 40 45
192 Phe Thr Ile Ser Asp Val Phe Ala Asn Ser Thr Ser Gln Leu Val Lys
193 50 55 60
195 Val Leu Glu Val Val Glu Thr Leu Met Asn Ser Ser
196 65 70 75
199 <210> SEQ ID NO: 9
200 <211> LENGTH: 392
201 <212> TYPE: PRT

see
page 7

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/054,399

DATE: 09/16/2002

TIME: 10:54:29

Input Set : A:\pto_ms.txt

Output Set: N:\CRF4\09162002\J054399.raw

202 <213> ORGANISM: Artificial Sequence

204 <220> FEATURE:

205 <223> OTHER INFORMATION: Description of Artificial Sequence: amino acid

207 <400> SEQUENCE: 9

208 Lys Ile Ile Lys Glu Phe Val Ala Thr Glu Arg Lys Tyr Val His Asp
 209 1 5 10 15
 211 Leu Glu Ile Leu Asp Lys Tyr Arg Gln Gln Leu Leu Asp Ser Asn Leu
 212 20 25 30
 214 Ile Thr Ser Glu Glu Leu Tyr Met Leu Phe Pro Asn Leu Gly Asp Ala
 215 35 40 45
 217 Ile Asp Phe Gln Arg Arg Phe Leu Ile Ser Leu Glu Ile Asn Ala Leu
 218 50 55 60
 220 Val Glu Pro Ser Lys Gln Arg Ile Gly Ala Leu Phe Met His Ser Lys
 221 65 70 75 80
 223 His Phe Phe Lys Leu Tyr Glu Pro Trp Ser Ile Gly Gln Asn Ala Ala
 224 85 90 95
 226 Ile Glu Phe Leu Ser Ser Thr Leu His Lys Met Arg Val Asp Glu Ser
 227 100 105 110
 229 Gln Arg Phe Ile Ile Asn Asn Lys Leu Glu Leu Gln Ser Phe Leu Tyr
 230 115 120 125
 232 Lys Pro Val Gln Arg Leu Cys Arg Tyr Pro Leu Leu Val Lys Glu Leu
 233 130 135 140
 235 Leu Ala Glu Ser Ser Asp Asp Asn Asn Thr Lys Glu Leu Glu Ala Ala
 236 145 150 155 160
 238 Leu Asp Ile Ser Lys Asn Ile Ala Arg Ser Ile Asn Glu Asn Gln Arg
 239 165 170 175
 241 Arg Thr Glu Asn His Gln Val Val Lys Lys Leu Tyr Gly Arg Val Val
 242 180 185 190
 244 Asn Trp Lys Gly Tyr Arg Ile Ser Lys Phe Gly Glu Leu Leu Tyr Phe
 245 195 200 205
 247 Asp Lys Val Phe Ile Ser Thr Thr Asn Ser Ser Ser Glu Pro Glu Arg
 248 210 215 220
 250 Glu Phe Glu Val Tyr Leu Phe Glu Lys Ile Ile Ile Leu Phe Ser Glu
 251 225 230 235 240
 253 Val Val Thr Lys Lys Ser Ala Ser Ser Leu Ile Leu Lys Lys Lys Ser
 254 245 250 255
 256 Ser Thr Ser Ala Ser Ile Ser Ala Ser Asn Ile Thr Asp Asn Asn Gly
 257 260 265 270
 259 Ser Pro His His Ser Tyr His Lys Arg His Ser Asn Ser Ser Ser Ser
 260 275 280 285
 262 Asn Asn Ile His Leu Ser Ser Ser Ser Ala Ala Ala Ile Ile His Ser
 263 290 295 300
 265 Ser Thr Asn Ser Ser Asp Asn Asn Ser Asn Asn Ser Ser Ser Ser Ser
 266 305 310 315 320
 268 Leu Phe Lys Leu Ser Ala Asn Glu Pro Lys Leu Asp Leu Arg Gly Arg
 269 325 330 335
 271 Ile Met Ile Met Asn Leu Asn Gln Ile Ile Pro Gln Asn Asn Arg Ser
 272 340 345 350
 274 Leu Asn Ile Thr Trp Glu Ser Ile Lys Glu Gln Gly Asn Phe Leu Leu

See page 2

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/054,399

DATE: 09/16/2002

TIME: 10:54:29

Input Set : A:\pto_ms.txt

Output Set: N:\CRF4\09162002\J054399.raw

```

275           355           360           365
277 Lys Phe Lys Asn Glu Glu Thr Arg Asp Asn Trp Ser Ser Cys Leu Gln
278           370           375           380
280 Gln Leu Ile His Asp Leu Lys Asn
281 385           390
284 <210> SEQ ID NO: 10
285 <211> LENGTH: 1269
286 <212> TYPE: DNA
287 <213> ORGANISM: Saccharomyces cerevisiae
289 <220> FEATURE:
290 <223> OTHER INFORMATION:
292 <400> SEQUENCE: 10
293 atggcacatc agatggactc gataacgtat tctaataatg tcacccaaca gtatatacaa 60
294 ccacaaagtc tacaggatat ctctgcagtg gaggaagaaa ttcaaaaataa aatagaggcc 120
295 gccagacaag agagtaaaca gcttcatgct caaataaata aagcaaaaaca caagatacaa 180
296 gatgcaagct tattccagat ggccaacaaa gttacttcgt tgaccaaaaaa taagatcaac 240
297 ttaaagccaa atatcgtggt gaaaggccat aataataaaa tctcagattt tcggtggagt 300
298 cgagattcaa aacgtatttt gagtgcagt caagatggct ttatgcttat atgggacagt 360
299 gcttcagggt taaaacagaa cgtattcca ttagattctc aatgggttct tctctgcgt 420
300 atttcgccat cgagtacttt ggtagcaagc gcaggattaa acaataactg taccatttat 480
301 agagtttoga aagaaaacag agtagcgcaa aacgttgcgt caattttcaa aggacatact 540
302 tgctatatatt ctgacattga atttacagat aacgcacata tattgacagc aagtggggat 600
303 atgacatgtg ccttgtggga tataccgaaa gcaaagaggg tgagagaata ttctgaccat 660
304 ttaggtgatg ttttggcatt agctattcct gaagagccaa acttagaaaa ttcttcgaac 720
305 acattcgeta gctgtggatc agacgggtat acttacatat gggatagcag atctcgcgtc 780
306 gctgtacaaa gcttttacgt taacgtagt gatattaatg caottcgttt ttcaaagac 840
307 gggatgtoga ttgttcagg aagtgacaat ggtgcgataa atatgtatga ttaagggtcg 900
308 gactgttcta ttgtacttt ttctctttt cgaggttatg aagaacgtac cctacccct 960
309 acttatatgg cagctaacat ggagtacaat accgcgcaat cgccacaaac tttaaaatca 1020
310 acaagctcaa gctatctaga caaccaaggc gttgtttctt tagattttag tgcactctga 1080
311 agattgatgt actcatgcta tacagacatt ggttgtgttg tgtgggatgt attaaaagga 1140
312 gagattgttg gaaaattaga aggtcatggt ggcagagtca ctggtgtgcg ctcgagtcca 1200
313 gatgggttag ctgtatgtac aggttcattg gactcaacca tgaaaatatg gtctccaggt 1260
314 tatcaatag
316 <210> SEQ ID NO: 11
317 <211> LENGTH: 422
318 <212> TYPE: PRT
319 <213> ORGANISM: Saccharomyces cerevisiae
321 <220> FEATURE:
322 <223> OTHER INFORMATION:
324 <400> SEQUENCE: 11
325 Met Ala His Gln Met Asp Ser Ile Thr Tyr Ser Asn Asn Val Thr Gln
326 1           5           10           15
328 Gln Tyr Ile Gln Pro Gln Ser Leu Gln Asp Ile Ser Ala Val Glu Glu
329           20           25           30
331 Glu Ile Gln Asn Lys Ile Glu Ala Ala Arg Gln Glu Ser Lys Gln Leu
332           35           40           45
334 His Ala Gln Ile Asn Lys Ala Lys His Lys Ile Gln Asp Ala Ser Leu
335           50           55           60

```


RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/054,399

DATE: 09/16/2002
TIME: 10:54:30

Input Set : A:\pto_ms.txt
Output Set: N:\CRF4\09162002\J054399.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:32; N Pos. 12
Seq#:33; N Pos. 13

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/054,399

DATE: 09/16/2002

TIME: 10:54:30

Input Set : A:\pto_ms.txt

Output Set: N:\CRF4\09162002\J054399.raw

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1799 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:1816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:1843 M:283 W: Missing Blank Line separator, <400> field identifier

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/054,399

DATE: 09/10/2002

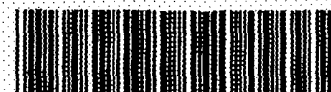
TIME: 08:57:09

Input Set : A:\DYOU13.1A2CP1 Seq listing.txt

Output Set: N:\CRF3\09102002\J054399.raw

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1799 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1841 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:1841 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:1841 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:1841 M:200 E: Mandatory Header Field missing, <400> is required.
L:39 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (37) Counted (36)

Does Not Comply
Corrected Diskette Needed



OIFE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/054,399

DATE: 09/10/2002

TIME: 08:57:08

Input Set : A:\DYOU13.1A2CP1 Seq listing.txt

Output Set: N:\CRF3\09102002\J054399.raw

2 <110> APPLICANT: Arkowitz, Robert A
3 Nern, Peter MA
5 <120> TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND PROTEIN SEQUENCES
7 <130> FILE REFERENCE: DYOU13.1A2CP1
9 <140> CURRENT APPLICATION NUMBER: 10/054399
C--> 10 <141> CURRENT FILING DATE: 2002-08-30
12 <150> PRIOR APPLICATION NUMBER: 09/168,474
13 <151> PRIOR FILING DATE: 1998-10-08
15 <150> PRIOR APPLICATION NUMBER: 08/951,141
16 <151> PRIOR FILING DATE: 1997-10-15
18 <150> PRIOR APPLICATION NUMBER: 09/529,106
19 <151> PRIOR FILING DATE: 2000-04-07
21 <150> PRIOR APPLICATION NUMBER: US 09/732,180
22 <151> PRIOR FILING DATE: 2000-12-07
24 <150> PRIOR APPLICATION NUMBER: US 60/169,699
25 <151> PRIOR FILING DATE: 1999-12-07
27 <150> PRIOR APPLICATION NUMBER: PCT/GB98/03033
28 <151> PRIOR FILING DATE: 1998-10-08
30 <150> PRIOR APPLICATION NUMBER: 9812793.9
31 <151> PRIOR FILING DATE: 1998-06-12
33 <150> PRIOR APPLICATION NUMBER: 9721357.3
34 <151> PRIOR FILING DATE: 1997-10-08
36 <150> PRIOR APPLICATION NUMBER: 9721358.1
37 <151> PRIOR FILING DATE: 1997-10-08
E--> 39 <160> NUMBER OF SEQ ID NOS: 37
41 <170> SOFTWARE: PatentIn Ver. 2.0

ERRORED SEQUENCES

*need to insert line breaks
between numeric identifiers.*

1839 <210> SEQ ID NO: 35 <211> 19 <212> PRT <213> Candida albicans <400> 35
W--> 1841 <211> LENGTH:
W--> 1841 <212> TYPE:
W--> 1841 <213> ORGANISM:
E--> 1841 <400> SEQUENCE:
1841 Asp Ser Gln Ile Pro Val Val Ser Ser Asp Asp Leu Arg Ile Cys Lys
1842 1 5 10 15
1844 Lys Ser Val